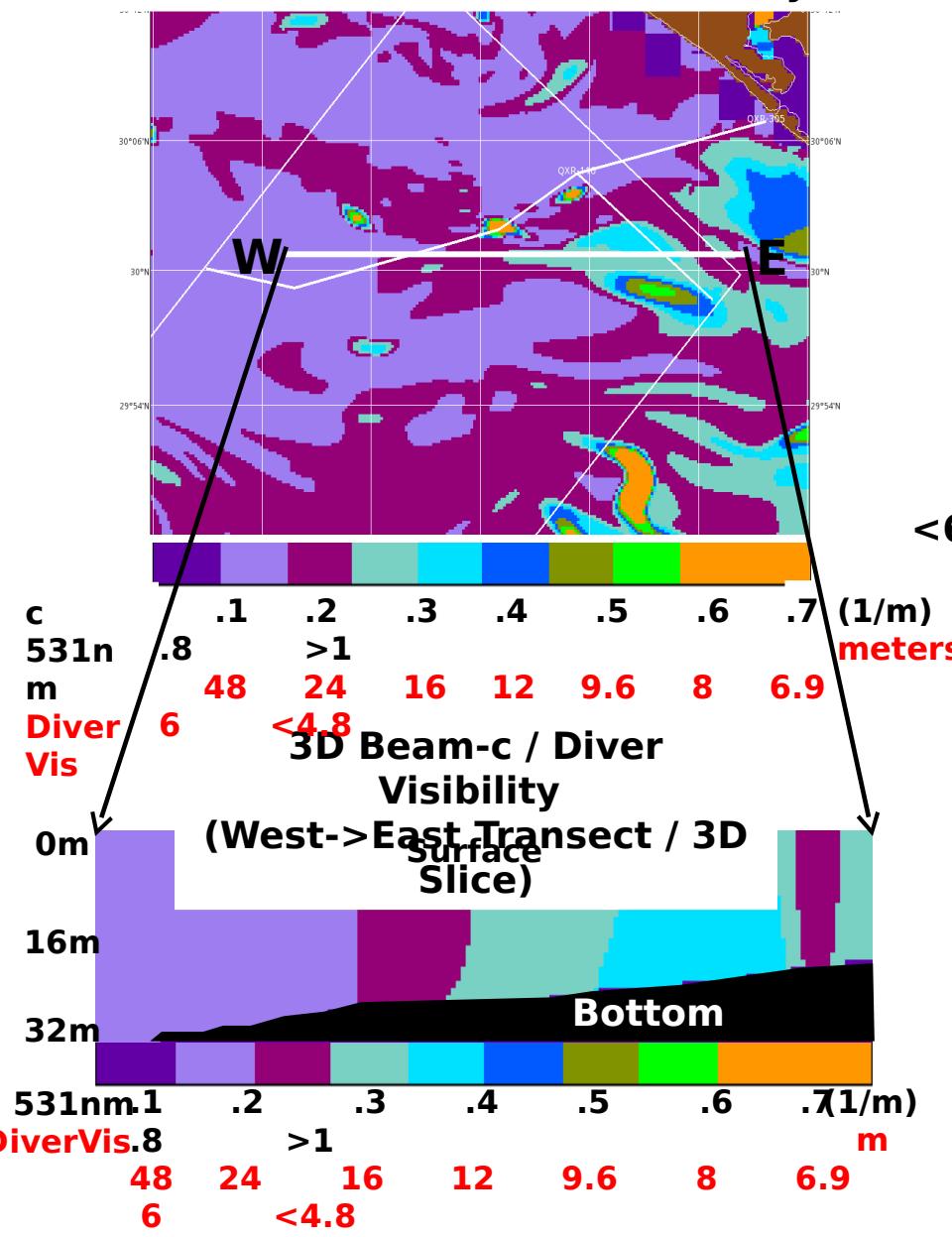


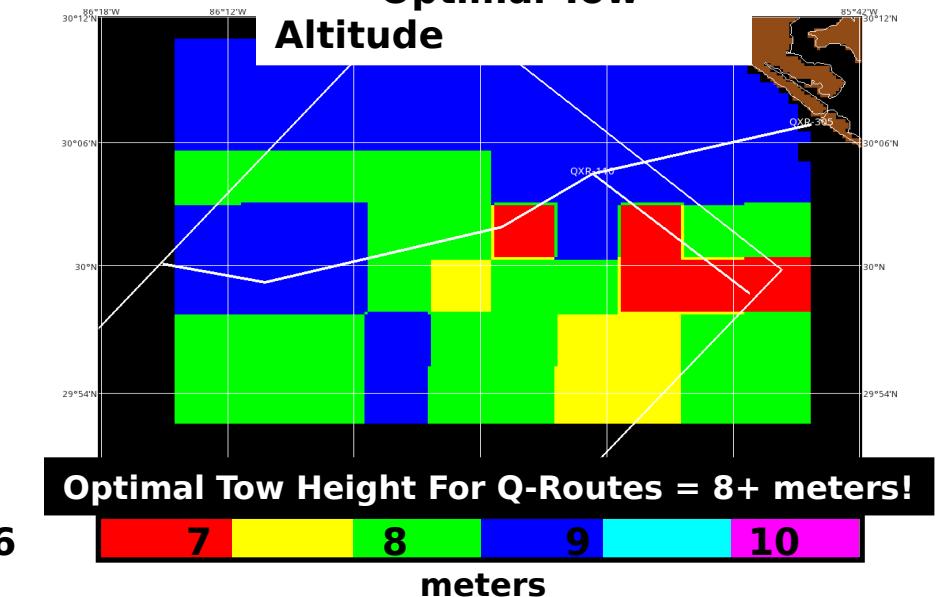


# Forecast AQS-24 Support for HAWKEX Valid October 09, 2013

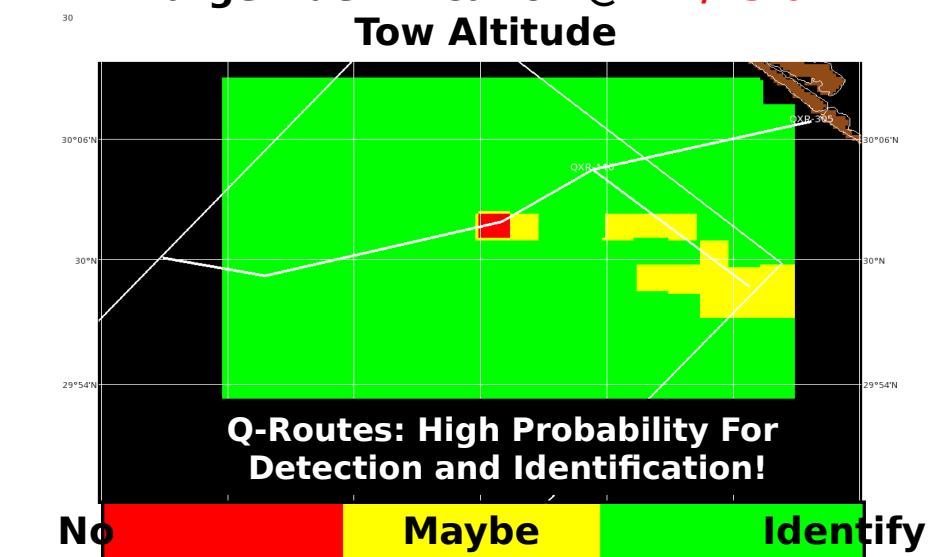
## Surface Beam-c / Diver Visibility



## Optimal Tow Altitude



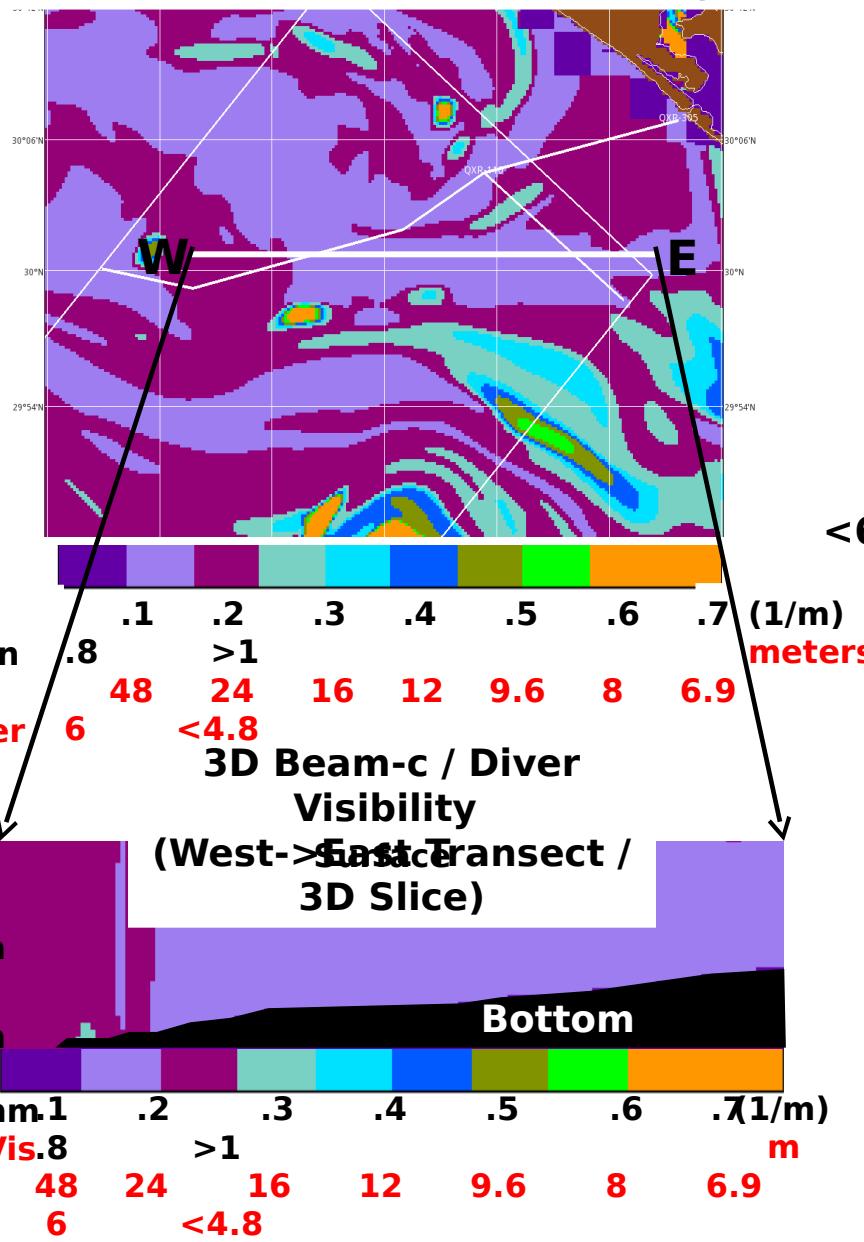
**Target Identification @ 7m/23.0ft Tow Altitude**



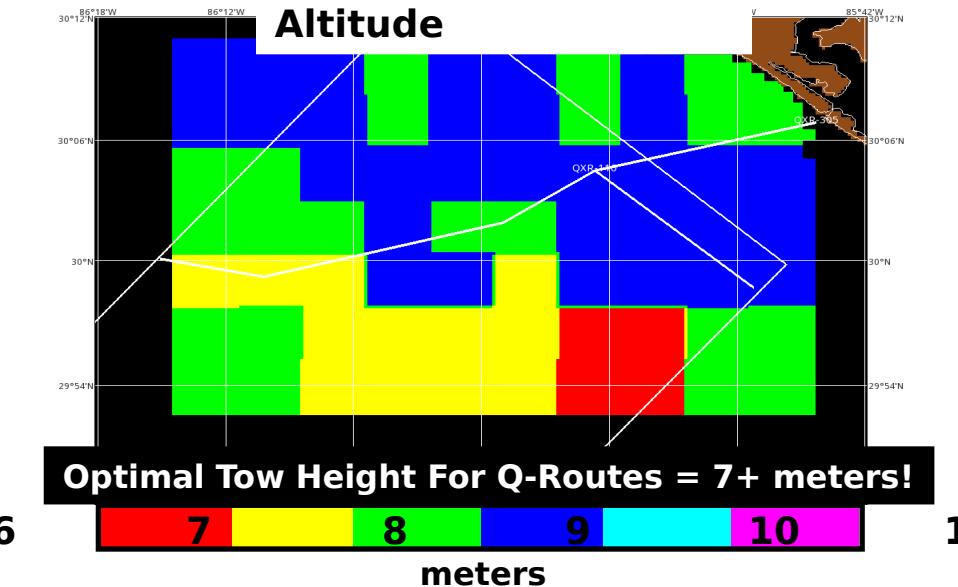


# Forecast AQS-24 Support for HAWKEX Valid October 10, 2013

## Surface Beam-c / Diver Visibility

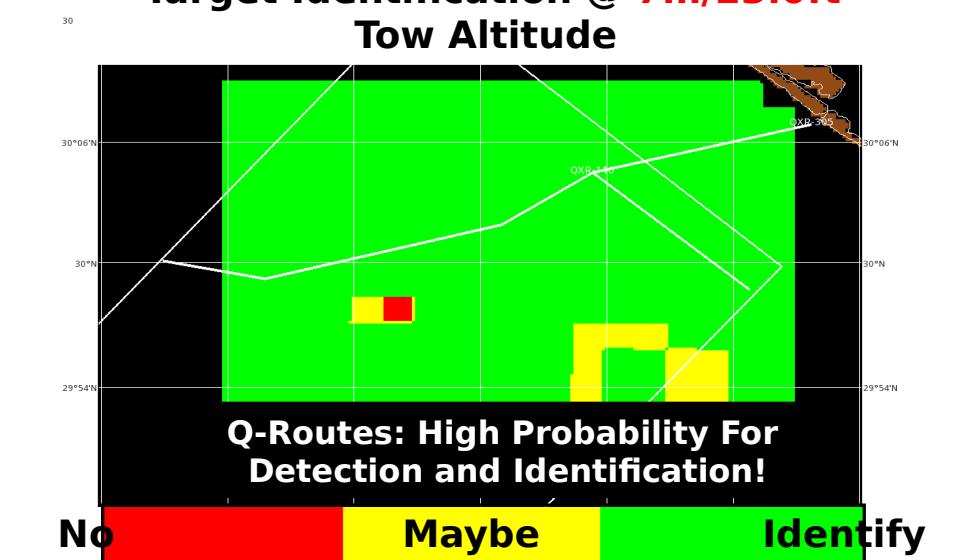


## Optimal Tow Altitude



**Red areas due to forecast errors!**

**Target Identification @ 7m/23.0ft Tow Altitude**





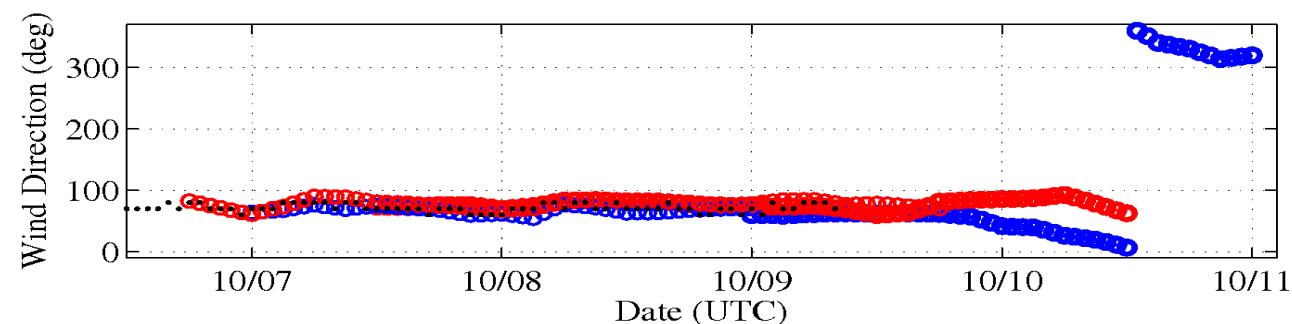
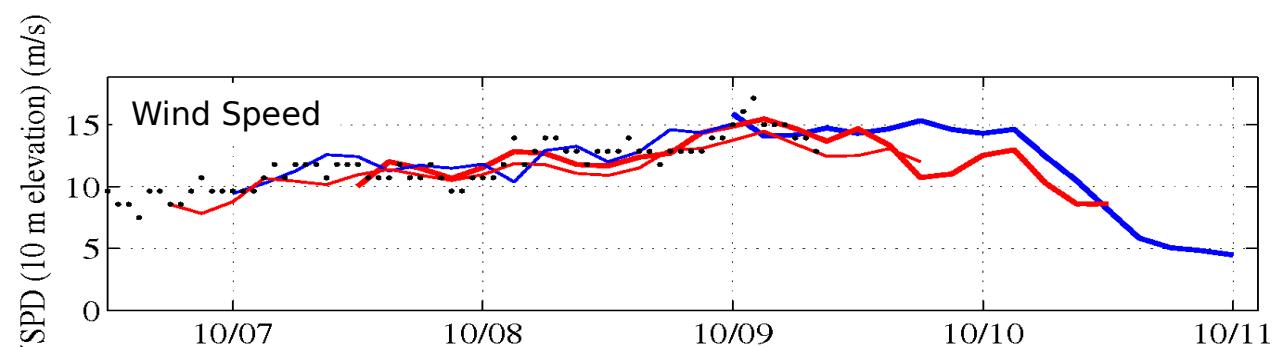
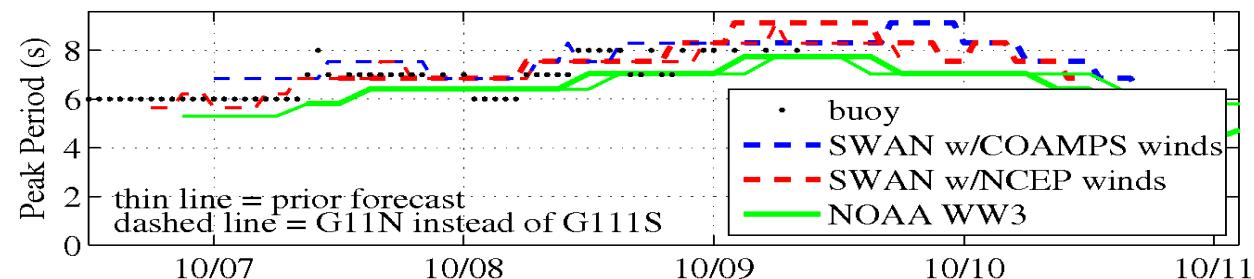
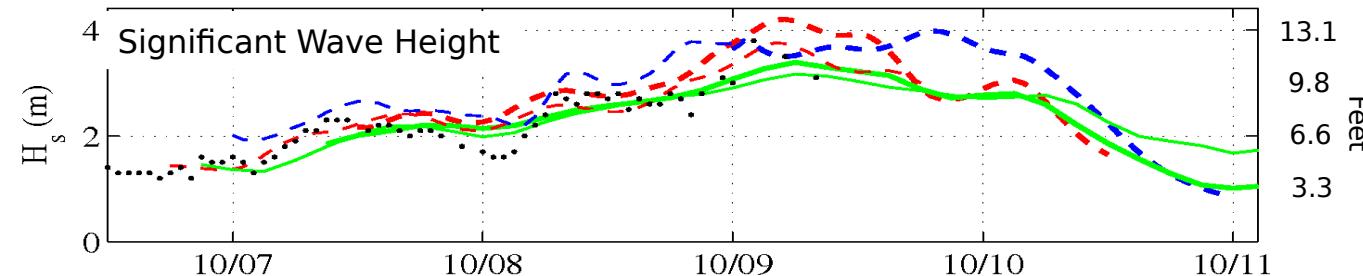
# NRL SWAN MODEL Wave & Wind Nowcast/Forecast

Forcing with  
**COAMPS & NCEP**  
Winds

Buoy (Black Dots)



Model.vs.NDBC.42039

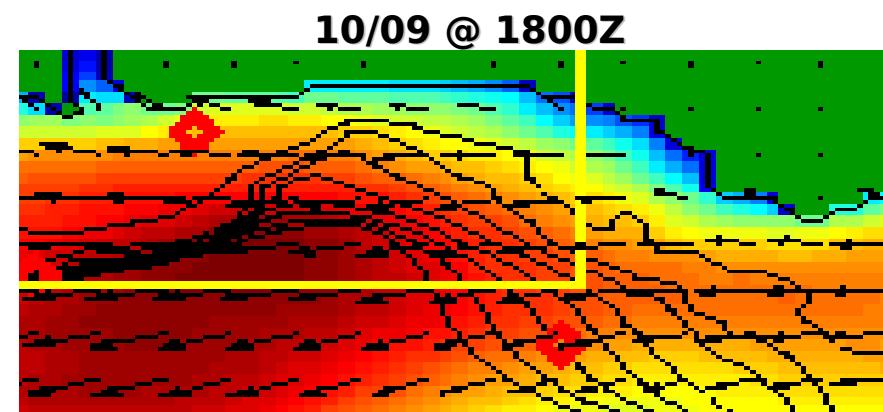
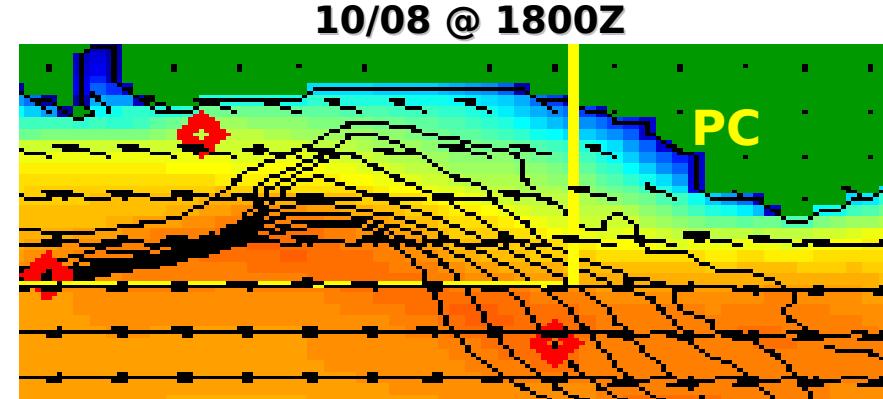
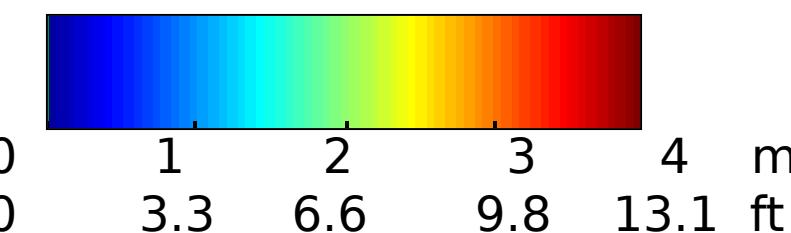




**SWAN MODEL**  
Significant Wave Heights  
Nowcast/Forecast

Forcing with  
NCEP  
Winds

Current Velocities &  
Direction (->)



**10/10 @ 1800Z**

NA

## **Contact Info:**

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**Feedback Very Important!**

**Positive or Negative  
How are products being used?  
Changes/Needs/Suggestions**